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FRANCE 2030

PROGRAMME DE RECHERCHE
GÉNOMES MARINS

ATLASea
Data use policy

October 2026

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About the ATLASea Programme

The ATLASea Programme aims to generate and analyse 4,500 reference genomes of marine eukaryotic species observed in the French Exclusive Economic Zone (EEZ) over an eight-year period. As a major marine genomics initiative under the Earth Biogenome Project (EBP), ATLASea is at the forefront of large-scale marine genome production, prerequisite for innovation and discovery in marine biodiversity. ATLASea has developed robust tools and workflows to ensure end-to-end traceability of marine samples and analyses - from collection to final genome delivery. This commitment enables the large-scale dissemination of high-quality genomic resources to the global scientific community.

All high-quality genome assemblies produced by ATLASea are deposited in public repositories such as European Nucleotide Archive (ENA), made freely accessible to researchers and other stakeholders worldwide.

Explore Our Data

The ATLASea Public Data portal[1] offers a user-friendly interface to monitor the progress of the project. Users can:

- Explore species already collected or under study by ATLASea;
- Explore sampling sites;
- Access taxonomic and biodiversity information;
- Track genome sequencing progress.

To further accelerate marine genomic research and innovation, ATLASea is developing a Marine Genome Portal (MGP), a centralised hub that will aggregate marine genomic data, from ATLASea and other major sequencing initiatives (e.g. VGP, DToL, Wellcome Sanger Institute). The MGP will empower users to explore and analyse data across 3 key axes:

- Evolutionary genomics;
- Functional genomics;
- Environmental genomics.

A first version is expected online in the first half of 2027.

Building a Collaborative Community

ATLASea is committed to structuring and strengthening the research and innovation communities in marine genomics. ATLASea will lead the coordination and implementation of thematic clusters to foster dynamic collaboration, networking and collective exploration of marine genomic data. A call for interest will be launched in Autumn 2026.

[1] portal.atlasea.fr

ATLASea data use policy

ATLASea genomic data is released to the research community through public archives. We promote transparency, data sharing and the responsible use of our genomic resources.

To ensure fairness and recognition, we ask users to adhere to the following principles, which align with established genomics standards.

ATLASea encourages the use of its data. However, users must contact data(at)atlasea.fr prior to any large-scale use of ATLASea data (one or more complete genome sequence, one or more complete annotation dataset) to discuss potential overlaps with ongoing analyses.

Proper Attribution

- The source of data must be adequately cited in any publication or communication;
- Dataset accession numbers must be included in all publications;
- The ATLASea programme must be acknowledged in any publication and communication, using the following statement *« ATLASea is supported by the French State, managed by the National Research Agency (ANR) under the France 2030 investment plan, with the following references: « ANR-22-EXAT-0001 », « ANR-22-EXAT-0002 », « ANR-22-EXAT-0003 », « ANR-22-EXAT-0004 »*.

Compliance with FAIR and Open Science Principles

All publications and communication must adhere to FAIR (Findable, Accessible, Interoperable, Reusable) and Open Science principles.

Respect for First Presentation Rights

ATLASea reserves the right to impose an embargo period of up to one year on genome data to ensure that our rights of first presentation (e.g. scientific publication, preprints, press release) are respected. Any restrictions during the pre-publication embargo period will be clearly communicated.

For any inquiries regarding data use, please contact us at data@atlasea.fr